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DERWENT-ACC-NO: 1975-31819W

DERWENT-WEEK: 197519

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TITLE: Candy mass rope extruder - screw feeder in the closed chamber and removable augers improve forming

PATENT-ASSIGNEE: LENGD CONFECTIONRY[LECOR]

PRIORITY-DATA: 1972SU-1807589 (July 10, 1972)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
SU 430832 A	February 21, 1974	N/A	000 N/A

INT-CL (IPC): A23G003/10

ABSTRACTED-PUB-NO: SU 430832A

BASIC-ABSTRACT:

The feed auger in the chamber is mounted above the extruder auger leaving a channel for mixing and circulating of the candy mass. Jackets ensure tempering

of the candy mass in separate chambers of each auger in the housing, the augers

having left and right hand helices. The outlet of housing features a die plate with a number of orifices corresponding to the number of extruded candy ropes.

The candy filling is fed into charge funnel from which it is conveyed by the

auger. Since the output of the auger exceeds the combined feed rate of the augers by a factor of 1.5, pressure in the chamber is raised and the filler is shifted across the channel ensuring a uniform distribution of the mass for the extruder augers. The polished surface of the augers enhances adhesion of the mass against the housing as compared to that of the augers, so that the feed is more uniform.

TITLE-TERMS: CANDY MASS ROPE EXTRUDE SCREW FEED CLOSE  
CHAMBER REMOVE AUGER  
IMPROVE FORMING

DERWENT-CLASS: D13

CPI-CODES: D03-E03;